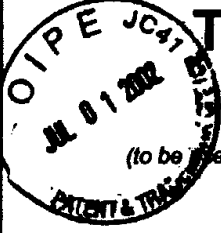


PCT  
DTN Rec'd PCT/PTO 01 JUL 2002

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

 <b>TRANSMITTAL FORM</b> (to be filed for all correspondence after initial filing)	<b>Application Number</b>	10/009,231	
	<b>Filing Date</b>	04/09/2002	
	<b>First Named Inventor</b>	Suner, et al.	
	<b>Group Art Unit</b>	1646	
	<b>Examiner Name</b>	N/A	
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b>	SYN-126

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	- Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<b>Remarks</b>	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Request for Corrected Filing Receipt	

RECEIVED

AUG 22 2002

TECH CENTER 1600/2900

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Colleen Superko
Signature	<i>Colleen Superko</i>
Date	6/24/02

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <u>6/26/02</u>		
Typed or printed name	Teresa Carvalho	
Signature	<i>Teresa Carvalho</i>	Date <u>6/26/02</u>

**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision.

AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number **10/009,231**  
Filing Date **04/09/2002**  
First Named Inventor **Suner, et al.**  
Examiner Name **N/A**  
Group Art Unit **TECH CENTER 1600/2900 1646**  
Attorney Docket No. **SYN-126**

**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

08-0219

Deposit  
Account  
Name

Hale and Dorr LLP

☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status.  
See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money  
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description  
Code (\$) Code (\$) Code (\$)

Fee Code	Large Entity (\$)	Small Entity (\$)	Description
101	740	201	370 Utility filing fee
106	330	206	165 Design filing fee
107	510	207	255 Plant filing fee
108	740	208	370 Reissue filing fee
114	160	214	80 Provisional filing fee

Fee Paid

SUBTOTAL (1) (\$) 0.00

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Small Entity

Fee Fee Fee Fee Fee Description  
Code (\$) Code (\$) Code (\$)

Fee Code	Large Entity (\$)	Small Entity (\$)	Description
103	18	203	9 Claims in excess of 20
102	84	202	42 Independent claims in excess of 3
104	280	204	140 Multiple dependent claim, if not paid
109	84	209	42 ** Reissue independent claims over original patent
110	18	210	9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Fee Code	Large Entity (\$)	Small Entity (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

**SUBMITTED BY**

Name (Print/Type)

Colleen Superko

Registration No.  
(Attorney/Agent)

39,850

Complete (if applicable)

Telephone 617-526-6564

Signature

Colleen Superko

Date

6/24/02

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231.



COPY OF PAGE  
ORIGINALLY FILED

PATENTS  
Attorney Docket No. SYN-126

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Suner *et al.*

Art Unit: 1646

Serial No.: 10/009,231

Examiner: N/A

Filing Date: April 9, 2002

Title: **Undifferentiated Erythroid Cells And  
Their Use In Ligand Binding Assays**

RECEIVED

AUG 22 2002

TECH CENTER 1600/2900

Commissioner for Patents  
Washington, D.C. 20231  
Attention: Application Processing Division  
Customer Corrections Branch

---

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence is being deposited on June 26, 2002 with the United States Postal Service service under 37 C.F.R. § 1. in an envelope addressed to Commissioner for Patents, Washington, DC 20231, Attention: Application Processing Division, Customer Service Branch

6/26/02  
Date of signature and  
of mail deposit

Teresa Carvalho  
Teresa Carvalho

---

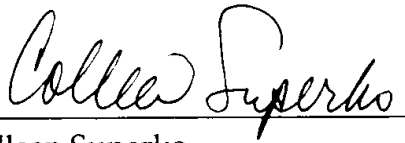
**REQUEST FOR CORRECTION OF OFFICIAL FILING RECEIPT**

It is respectfully requested that a Corrected Filing Receipt (Form PTO-103X) for the above-referenced patent application be issued to reflect the correct title as evident in the marked-up, enclosed copy of the Filing Receipt.

No fees are believed to be due. However, please charge any fees which may be due or credit any overpayment associated with this correspondence to our Deposit Account No. 08-0219.

If there are any questions, please contact the undersigned at the telephone number listed below.

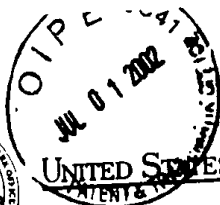
Respectfully submitted,

A handwritten signature in cursive script, reading "Colleen Superko", written over a horizontal line.

Colleen Superko  
Registration No. 39,850

Date: June 26, 2002

Hale and Dorr LLP  
60 State Street  
Boston, MA 02109  
Tel.: (617) 526-6564  
Fax.: (617) 526-5000

COPY OF PAPERS  
INITIALLY FILED

## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/009,231	04/09/2002	1632	1182	SYN-126	10	29	2

CONFIRMATION NO. 5862

Colleen Superko  
Hale and Dorr  
60 State Street  
Boston, MA 02109

JUN 17 2002

INTELLECTUAL PROPERTY  
DEPARTMENT

FILING RECEIPT



\*OC00000008255721\*

Date Mailed: 06/11/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Marie-Marthe Suner, Bracknell, UNITED KINGDOM;  
John Windass, Bracknell, UNITED KINGDOM;  
Fergus Gerard Paul Earley, Bracknell, UNITED KINGDOM;  
Stuart John Dunbar, Bracknell, UNITED KINGDOM;  
Judith Lesley Blythe, Bracknell, UNITED KINGDOM;

RECEIVED

AUG 22 2002

TECH CENTER 1600/2900

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/GB00/01702 04/05/2000

## Foreign Applications

UNITED KINGDOM 9910664.3 05/07/1999

Projected Publication Date: Not Applicable, filed prior to November 29, 2000

Non-Publication Request: No

Early Publication Request: No

## Title

Undifferentiated erythroid cells and their use in ligand binding assays

-- ligand --

HALE &amp; DORR DOCKETING

RE: 109846.294

Action Date: 10-9-03

Action to be Taken: "T"

Docketed by: On: 10-19-02

COPY MADE  
ORIGINALLY FILED

Preliminary Class

435

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).


 COP  
 PA  
 ORIGINALLY FILED

UNITED STATES PATENT AND TRADEMARK OFFICE

 Commissioner for Patents, Box PCT  
 United States Patent and Trademark Office  
 Washington, D.C. 20231  
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/009,231	FIRST NAMED APPLICANT Marie-Marthe Suner	ATTY. DOCKET NO. SYN-126
---	---	-----------------------------

INTERNATIONAL APPLICATION NO. PCT/GB00/01702	
LA. FILING DATE 04/05/2000	PRIORITY DATE 05/07/1999

 Colleen Superko  
 Hale and Dorr  
 60 State Street  
 Boston, MA 02109

RECEIVED

AUG 22 2002

TECH CENTER 1600/2900

CONFIRMATION NO. 5862

371 ACCEPTANCE LETTER



\*OC00000008255722\*

Date Mailed: 06/11/2002

# NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.494 OR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as an Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>04/09/2002</u>	<u>04/09/2002</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF RECEIPT OF ALL 35 U.S.C. REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** *The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363).* Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- U.S. Basic National Fee
- Biochemical Sequence Diskette
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration
- Preliminary Amendments

- Request for Immediate Examination

---

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

---

BARBARA A CAMPBELL

Telephone: (703) 305-3631

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)